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SHEET 1 OF 13

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 1004-1	SERIAL NO. 09/820,584
	APPLICANT DUPRAY et al.	
	FILING DATE March 28, 2001	GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
DP ↑ DP	1	6,324,404	11/27/2001	Dennison et al.	455	456	
	2	6,321,092	11/20/2001	Fitch et al.	455	456	
	3	6,308,072	10/23/2001	Labez et al.	455	448	
	4	6,249,252	6/19/2001	Dupray	342	450	
	5	6,236,365	5/22/01	LeBlanc et al.	342	457	
	6	* 6,101,391	8/8/00	Ishizuka et al.	455	457	
	7	* 6,101,390	8/8/00	Jayaraman et al.	455	456	
	8	* 6,101,178	8/8/00	Beal	370	336	
	9	* 6,064,942	5/16/00	Johnson et al.	701	213	
	10	* 6,064,339	5/16/00	Wax et al.	342	417	
	11	6,061,064	5/9/2000	Reichlen	340	418	
	12	* 6,047,192	4/4/00	Maloney et al.	455	456	
	13	* 6,046,683	4/4/00	Pidwerbetsky et al.	340	825.54	
	14	* 6,038,668	3/14/00	Chipman et al.	713	201	
	15	6,034,635	3/7/2000	Gilhausen	342	457	
	16	* 6,031,490	2/29/00	Forssén et al.	342	457	
	17	* 6,029,161	2/22/00	Lang et al.	707	1	
	18	* 6,028,551	2/22/00	Schoen et al.	342	357	
	19	* 6,026,304	2/15/00	Hilsenrath et al.	455	456	
	20	* 6,014,102	1/11/00	Mitzlaff et al.	342	457	
	21	* 6,009,334	12/28/99	Grubeck et al.	455	456	

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	APPLICANT DUPRAY et al.	
	FILING DATE March 28, 2001	GROUP ART

DP	22	* 5,999,126	12/7/1999	Ito	342	357.1	
	23	* 5,999,124	12/7/99	Sheynblat	342	357.09	
	24	* 5,987,329	11/16/99	Yost et al.	455	456	
	25	* 5,983,214	11/9/99	Lang et al.	707	1	
	26	* 5,982,891	11/9/99	Ginter et al.	380	4	
	27	* 5,982,324	11/9/99	Watters et al.	342	357.06	
	28	* 5,978,840	11/2/99	Nguyen et al.	709	217	
	29	* 5,977,913	11/2/99	Christ	342	465	
	30	* 5,973,643	10/26/99	Hawkes et al.	342	457	
	31	5,966,658	10/12/1999	Kennedy, III et al.	455	426	
	32	* 5,963,866	10/5/99	Palamara et al.	455	456	
	33	* 5,952,969	9/14/99	Hagerman et al.	342	457	
	34	* 5,949,815	9/7/99	Pon	375	208	
	35	* 5,945,948	8/31/99	Buford et al.	342	457	
	36	* 5,943,014	8/24/99	Gilhousen	342	465	
	37	* 5,936,572	8/10/99	Loomis et al.	342	357	
	38	* 5,933,822	8/3/99	Braden-Harder et al.	707	5	
	39	* 5,933,421	8/3/99	Alamouti et al.	370	330	
	40	* 5,926,133	7/20/99	Green, Jr.	342	363	
	41	* 5,924,090	7/13/99	Krellenstein	707	5	
	42	* 5,920,873	7/6/99	Van Huben et al.	707	202	
	43	* 5,917,866	6/29/99	Pon	375	346	
	44	* 5,917,449	6/29/99	Sanderford et al.	342	457	
	45	5,914,675	6/22/1999	Tognazzini	340	989	
DP	46	* 5,913,170	6/15/99	Wortham	455	457	

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	APPLICANT DUPRAY et al.	
	FILING DATE March 28, 2001	GROUP ART

DP	47	* 5,906,655	5/25/99	Fan	701	216	
	48	* 5,905,455	5/18/99	Heger et al.	342	22	
	49	* 5,901,358	5/4/99	Petty et al.	455	456	
	50	* 5,892,441	4/6/99	Woolley et al.	340	539	
	51	* 5,890,068	3/30/99	Fattouche et al.	455	456	
	52	* 5,883,598	3/16/99	Parl et al.	342	457	
	53	* 5,875,401	2/23/99	Rochkind	455	466	
	54	* 5,875,394	2/23/99	Daly et al.	455	411	
	55	* 5,873,076	2/16/99	Barr et al.	707	3	
	56	* 5,867,799	2/2/99	Lang et al.	707	1	
	57	* 5,867,495	2/2/99	Elliott et al.	370	352	
	58	5,864,755	1/26/99	King et al.	455	404	
	59	* 5,845,198	12/1/98	Bamburak et al.	455	31.1	
	60	* 5,832,367	11/3/98	Bamburak et al.	455	62	
	61	* 5,822,539	10/13/98	Van Hoff	395	200.66	
	62	* 5,819,301	10/6/98	Rowe et al.	707	513	
	63	* 5,819,273	10/6/98	Vora et al.	707	10	
	64	* 5,805,670	9/8/98	Pons et al.	379	45	
	65	* 5,802,518	9/1/98	Karaev et al.	707	9	
	66	* 5,802,454	9/1/98	Goshay et al.	455	31.2	
	67	5,790,974	8/4/1998	Tognazzini	701	204	
	68	* 5,790,953	8/4/98	WANG et al.	455	435	
	69	5,774,869	6/30/98	Toader	705	10	
	70	* 5,774,829	6/30/98	Cisneros et al.	701	213	
DP	71	* 5,774,802	6/30/98	Tell et al.	455	408	

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 1004-1	SERIAL NO. 09/820,584
	APPLICANT DUPRAY et al.	
	FILING DATE March 28, 2001	GROUP ART

DP	72	* 5,737,431	4/7/98	Brandstein et al.	381	92	
↑	73	* 5,736,964	4/7/98	Ghosh et al.	342	457	
	74	* 5,732,354	3/24/98	MacDonald	455	456	
	75	5,727,057	3/10/1998	Emery et al.	379	211	
	76	* 5,724,660	3/3/98	Kauser et al.	455	456	
	77	* 5,724,047	3/3/98	Lioio et al.	342	442	
	78	* 5,719,584	2/17/98	Otto	342	465	
	79	* 5,717,406	2/10/98	Sanderford et al.	342	457	
	80	* 5,701,328	12/23/97	Schuchman et al.	375	204	
	81	* 5,675,788	10/7/97	Husick et al.	395	615	
	82	5,675,344	10/7/97	Tong et al.	342	457	
	83	* 5,663,734	9/2/97	Krasner	342	357	
	84	* 5,629,707	5/13/97	Heuvel et al.	342	357	
	85	* 5,619,552	4/8/97	Karppanen et al.	379	60	
	86	* 5,614,914	3/25/97	Bolgiano et al.	342	364	
	87	* 5,613,205	3/18/97	Dufour	455	33.2	
	88	* 5,612,703	3/18/97	Mallinckrodt	342	457	
	89	5,611,704	3/18/1997	Kamizono et al.	439	164	
	90	* 5,610,972	3/11/97	Emery et al.	379	58	
	91	* 5,608,410	3/4/97	Stilp et al.	342	387	
	92	* 5,604,765	2/18/97	Bruno et al.	375	200	
	93	* 5,602,903	2/11/97	LeBlanc et al.	379	60	
	94	5,600,705	2/4/1997	Maenpaa	379	58	
↓	95	* 5,596,625	1/21/97	LeBlanc	379	60	
DP	96	5,594,740	1/14/1997	LaDue	379	59	

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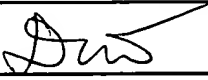
DP	97	5,592,180	1/7/1997	Yokey et al.	342	450	
	98	* 5,583,517	12/10/96	Yokey et al.	342	457	
	99	* 5,581,596	12/3/96	Hogan	379	59	
	100	* 5,577,169	11/19/96	Prezioso	395	61	
	101	* 5,574,648	11/12/96	Pilley	364	439	
	102	* 5,570,412	10/29/96	LeBlanc	379	58	
	103	* 5,563,611	10/8/96	McGann et al.	342	389	
	104	5,561,704	10/1/1996	Salimando	379	58	
	105	5,555,257	9/10/1996	Dent	370	95.1	
	106	5,546,445	8/13/1996	Dennison et al.	379	60	
	107	* 5,537,460	7/16/96	Holliday, Jr. et al.	379	59	
	108	* 5,526,466	6/11/96	Takizawa	395	2.62	
	109	* 5,526,357	6/11/96	Jandrell	370	95.2	
	110	* 5,526,001	6/11/96	Rose et al.	342	442	
	111	* 5,519,760	5/21/96	Borkowski et al.	379	59	
	112	5,513,246	4/20/96	Jonsson et al.	379	60	
	113	* 5,512,908	4/30/96	Herrick	342	387	
	114	* 5,508,708	4/16/96	Ghosh et al.	342	457	
	115	* 5,508,707	4/16/96	LeBlanc et al.	342	457	
	116	* 5,506,864	4/9/96	Schilling	375	205	
	117	* 5,485,163	1/16/96	Singer	342	457	
	118	* 5,479,482	12/26/95	Grimes	379	59	
	119	* 5,479,397	12/26/95	Lee	370	18	
	120	* 5,457,736	10/10/95	Cain et al.	379	60	
DP	121	* 5,448,754	9/5/95	Ho et al.	455	34.1	

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DP	122	* 5,444,451	8/22/95	Johnson et al.	342	453	
↑	123	* 5,434,927	7/18/95	Brady et al.	382	104	
	124	* 5,422,813	6/6/95	Schuchman et al.	364	449	
	125	* 5,420,914	5/30/95	Blumhardt	379	114	
	126	* 5,410,737	4/25/95	Jones	455	56.1	
	127	* 5,402,520	3/28/95	Schnitta	395	22	
	128	5,395,366	3/7/1995	D/Andrea et al.	604	890.1	
	129	* 5,394,435	2/28/95	Weerackody	375	206	
	130	* 5,394,185	2/28/95	Chia	342	457	
	131	* 5,390,339	2/14/95	Bruckert et al.	455	33.2	
	132	* 5,389,934	2/14/95	Kass	342	357	
	133	* 5,388,259	2/7/95	Fleischman et al.	395	600	
	134	* 5,379,224	1/3/95	Brown et al.	364	449	
	135	* 5,365,544	11/15/94	Schilling	375	1	
	136	* 5,365,516	11/15/94	Jandrell	370	18	
	137	* 5,365,450	11/15/94	Schuchman et al.	364	449	
	138	* 5,365,447	11/15/94	Dennis	364	449	
	139	* 5,363,110	11/8/94	Inamiya	342	357	
	140	* 5,359,521	10/25/94	Kyrtos et al.	364	449	
	141	* 5,349,631	9/20/94	Lee	379	59	
	142	* 5,327,144	7/5/94	Stilp et al.	342	387	
	143	* 5,325,419	6/28/94	Connolly et al.	379	60	
	144	* 5,319,374	6/7/94	Desai et al.	342	387	
↓	145	* 5,317,323	5/31/94	Kennedy et al.	342	457	
DP	146	* 5,311,195	5/10/94	Mathis et al.	342	357	

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DP	147	* 5,295,180	3/15/94	Vendetti et al.	379	59	
↑	148	* 5,293,642	3/8/94	Lo	455	33.1	
	149	* 5,280,472	1/18/94	Gilhousen et al.	370	18	
	150	* 5,280,295	1/18/94	Kelley et al.	342	463	
	151	* 5,278,892	1/11/94	Bolliger et al.	379	60	
	152	* 5,260,711	11/9/93	Sterzer	342	375	
	153	* 5,243,530	9/7/93	Stanifer et al.	364	452	
	154	* 5,225,842	7/6/93	Brown et al.	342	357	
	155	* 5,218,716	6/8/93	Comroe et al.	455	33	
	156	* 5,218,618	6/8/93	Sagey	375	001	
	157	* 5,218,367	6/8/93	Sheffer et al.	342	457	
	158	* 5,214,789	5/25/93	George	455	33.2	
	159	* 5,212,804	5/18/93	Choate	455	33.1	
	160	5,208,756	5/4/1993	Song	364	706	
	161	* 5,191,342	3/2/93	Alsup et al.	342	465	
	162	* 5,184,347	2/2/93	Farwell et al.	370	94.1	
	163	* 5,166,694	11/24/92	Russell et al.	342	457	
	164	* 5,163,004	11/10/92	Rentz	364	460	
	165	* 5,142,590	8/25/92	Carpenter et al.	382	14	
	166	5,111,209	5/5/1992	Toriyama	342	357	
	167	* 5,099,245	3/24/92	Sagey	342	357	
	168	* 5,055,851	10/8/91	Sheffer	342	457	
	169	* 5,017,926	5/21/91	Ames et al.	342	353	
↓	170	* 5,008,679	4/16/91	Effland et al.	342	353	
DP	171	* 5,003,317	3/26/91	Gray et al.	342	457	

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DP	172	* 4,992,796	2/12/91	Apostolos	342	156	
↑	173	* 4,914,689	4/3/90	Quade et al.	379	142	
	174	* 4,888,593	12/19/89	Friedman et al.	342	387	
	175	4,879,713	11/7/89	Ichiyoshi	370	75	
	176	* 4,876,550	10/24/89	Kelly	342	451	
	177	* 4,864,313	9/5/89	Konneker	342	457	
	178	* 4,860,352	8/22/89	Laurance et al.	380	23	
	179	* 4,857,840	8/15/89	Lanchais	324	207	
	180	* 4,799,062	1/17/89	Sanderford, Jr. et al.	342	450	
	181	* 4,742,357	5/3/88	Rackley	342	457	
	182	* 4,740,792	4/26/88	Sagey et al.	342	457	
	183	* 4,670,758	6/2/87	Campbell	342	458	
	184	* 4,651,157	3/17/87	Gray et al.	342	457	
	185	* 4,636,795	1/13/87	Dano	342	387	
	186	* 4,630,057	12/16/86	Martin	342	358	
	187	* Re. 31,962	7/30/85	Brodeur	343	389	
	188	* 4,475,010	10/2/84	Huensch et al.	179	2 EB	
	189	* 4,438,439	3/20/84	Shreve	343	449	
	190	* 4,347,618	8/31/82	Kavouras et al.	375	37	
↓	191	* 4,232,313	11/4/80	Fleishman	343	6 R	
DP	192	* 4,023,176	5/10/77	Currie et al.	343	113 R	

FOREIGN PATENT DOCUMENTS

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
DP	193	EP 0 870 203 B1	Dec. 9, 1996	Europe	G01S	5/04		
↑	194	* EP 0 689 369 A1	Dec. 27, 1995	Europe	—	—		
	195	* EP 0 546 758 A2	Jun. 16, 1993	Europe	—	—		
	196	* EP 0 177 203 A2	Sept. 9, 1985	Europe	—	—		
	197	* GB 2 155 720 A	Mar. 8, 1984	Great Britain	—	—		
	198	* GB 1 605 207	Jun. 17, 1975	Great Britain	—	—	8485	
	199	WO 98/10307 (1003-PCT)	Mar. 12, 1998	PCT	G01S	3/02		
	200	WO 97/38540	Oct. 16, 1997	PCT	H04Q	7/22		
	201	WO 97/24010	Jul. 3, 1997	PCT	H04Q	7/38		
	202	WO 97/22888	Jun. 26, 1997	PCT	G01S	5/04		
	203	WO 97/01228	Jan. 9, 1997	PCT	H04B	7/28		
	204	WO 96/14588	May 17, 1996	PCT	G01S	5/02		
↓	205	* WO 94/27161	Apr. 28, 1994	PCT	—	—		
DP	206	* WO 93/04453	Mar. 4, 1993	PCT	—	—		

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)


DP	207	* CC Docket No. 94-102, Before the Federal Communications Commission, in the Matter of Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems; "Comments of Harris Government Communication Systems Division A Division of Harris Corporation", filed September 25, 1996
DP	208	* CC Docket No. 94-102, Before the Federal Communications Commission, in the Matter of Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems; "Reply Comments of KSI Inc. and MULIC Inc." filed October 25, 1996

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DP	209	* CC Docket No. 94-102, Before the Federal Communications Commission, in the Matter of Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems; <u>ex parte</u> communication from GeoTek Communications, Inc. received April 14, 1997 by the Commission
↑	210	* CC Docket No. 94-102, Before the Federal Communications Commission, in the Matter of Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems; <u>ex parte</u> communication from XYP0INT Corporation, Inc. received July 28, 1997 by the Commission
	211	* CC Docket No. 94-102, Before the Federal Communications Commission, in the Matter of Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems; <u>ex parte</u> communication from National Strategies, Inc., regarding enhanced 911 system trial by TruePosition, Inc. and New Jersey Office of Emergency Telecommunications Services, received August 8, 1997 by the Commission
	212	* CC Docket No. 94-102, Before the Federal Communications Commission, in the Matter of Revision of the Commission's Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems; <u>ex parte</u> communication from SnapTrack, Inc., received June 27, 1997 by the Commission
	213	* from http://www.uswcorp.com/laby.htm , Release concerning RadioCamera™, printed 9/14/98
	214	* Wylie et al., "The Non-Line of Sight Problem in Mobile Location Estimation"
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	APPLICANT DUPRAY et al.	
	FILING DATE March 28, 2001	GROUP ART

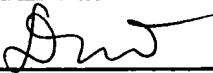
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DP	245	Maloney; U.S. Provisional Patent Application Serial No. 60/035,691 Entitled "ROBUST, EFFICIENT, LOCALIZATION SYSTEM" filed January 16, 1997
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DP	255	Communication from U.S. Patent and Trademark Office Re: U.S. Patent Application No. 08/355,901 Advisory Action Dated: September 9, 1998

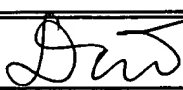
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DP	256	Communication from U.S. Patent and Trademark Office Re: U.S. Patent Application No. 08/355,901 Advisory Action Dated: October 9, 1998
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